

Mines and Mining Stocks

COPPER PLANT IS TOO SMALL

Garfield Smelter's Capacity Is to Be Doubled During Present Season.

MINE OUTPUT DEMANDS IT

ENLARGEMENT WILL COST OVER A MILLION.

The mammoth copper smelting works at Garfield, though barely in commission, are already proven to be altogether too small for the business that is assured the company and plans are now well advanced for the doubling of their capacity. As completed, the plant has a capacity for handling approximately 1,200 tons of crude ore and concentrates per day. That much and then some is being delivered at the plant now, while neither the Boston Consolidated, Utah Copper, Cactus and other propositions are beginning to deliver the tonnage of which they will be capable during the next few months.

Early in the spring the matter of enlarging the works was taken up and a committee consisting of Karl Eilers, Franklin Guterman and other experts was sent out to determine what should be done. It was at once decided that the capacity of the works must be increased to at least 2,500 tons per day and it is now having its recommendations carried into effect. While the original plant is understood to have cost the company in the neighborhood of \$3,000,000, the belief is that the capacity of the works can be more than doubled for less than half that sum.

Structural materials and equipment were ordered without delay and so rapidly have the demands of the company been met by the manufacturers that material for the additions is already beginning to arrive. Construction is to be crowded and the expectation is that late in the fall, the magnificent plant will be in shape to meet the demands of all patrons. The works were built with the expectation that they would need to be enlarged before long, but it was not expected that the pressure would come before the big mills of the Utah Copper company and the Boston Consolidated had been screwed up to capacity.

The great works of the Garfield company are now capable of taking care of a world of ore, much more than it is possible to convert into copper bullion. It is the converting end of the works that is getting too small, and here it is that the first enlargements will be made. From the manner in which the mines of this state are being developed, it will not be long till the company will have to plan still greater enlargements, and the probabilities are that in a few months from now, the company will have to arrange for the treatment of not less than 5,000 tons per day of crude ore and concentrates.

With these conditions to face it will not be more than a year or so until the Utah Copper and the Boston Consolidated will be demanding still larger accommodations for the product of their mills and mines. On account of this and the requirements of other producers, it is realized that the new town of Garfield, the town near the smelters and mills controlled by the corporations now, is also going to outgrow its boots. Not far from 350 homes for workmen have already been provided there, and it is learned that orders have just been given for the building of 100 more cottages, these to be followed by the addition of others next spring. And so the good work progresses. To cover this new work, the smelter and mine building, will easily call for the expenditure of \$1,000,000 in new money within fifteen miles of this city, during the present year, while the probabilities that the situation will call for as much more during 1908.

ALBION, AT ALTA, READY TO SHIP ORE

Manager William Hatfield of the Albion, at Alta, was in the city yesterday. He states that the mine is opening up in fine shape and that regular shipments of ore will begin just as soon as the roads are in good condition for hauling. The winter's development work in the mine has been a telling one. After raising through from the deep tunnel to the old upper workings with the lower tunnel and the ground made ready for regular mining operations. This work is being continued right along, the management working on the idea that it is best to follow the ore down, step by step, thus avoiding any chance of losing it and being compelled to look prospecting to locate it again.

UTAH COPPER MILL ABOUT READY TO START

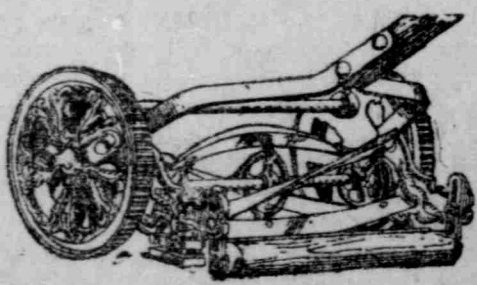
It was reported yesterday that the Utah Copper company had placed in commission the first section of its great copper mill at Garfield on the evening before. When asked about it yesterday, General Manager D. C. Jackling stated that the report was hardly correct. Whirls are being taken at the crushing plant, the pumps are being tried out, and other portions of the great mill's equipment are having preliminary try-outs.

"We have not yet commenced the work of dressing ore," said Mr. Jackling, "and we probably shall not do so for several days to come. We are getting ready, however, and when we see that it is possible to get a regular supply of ore over the railroad from camp, we shall be ready to begin. Adjustments are being made and everything is moving along nicely, but I cannot report that we are making any concentrates."

Metal Market.
Silver, 65¢ per ounce.
Copper (castings), 24¢ per pound.
Copper (cathodes), 24¢ per pound.
Lead, 36¢ per 100 pounds.

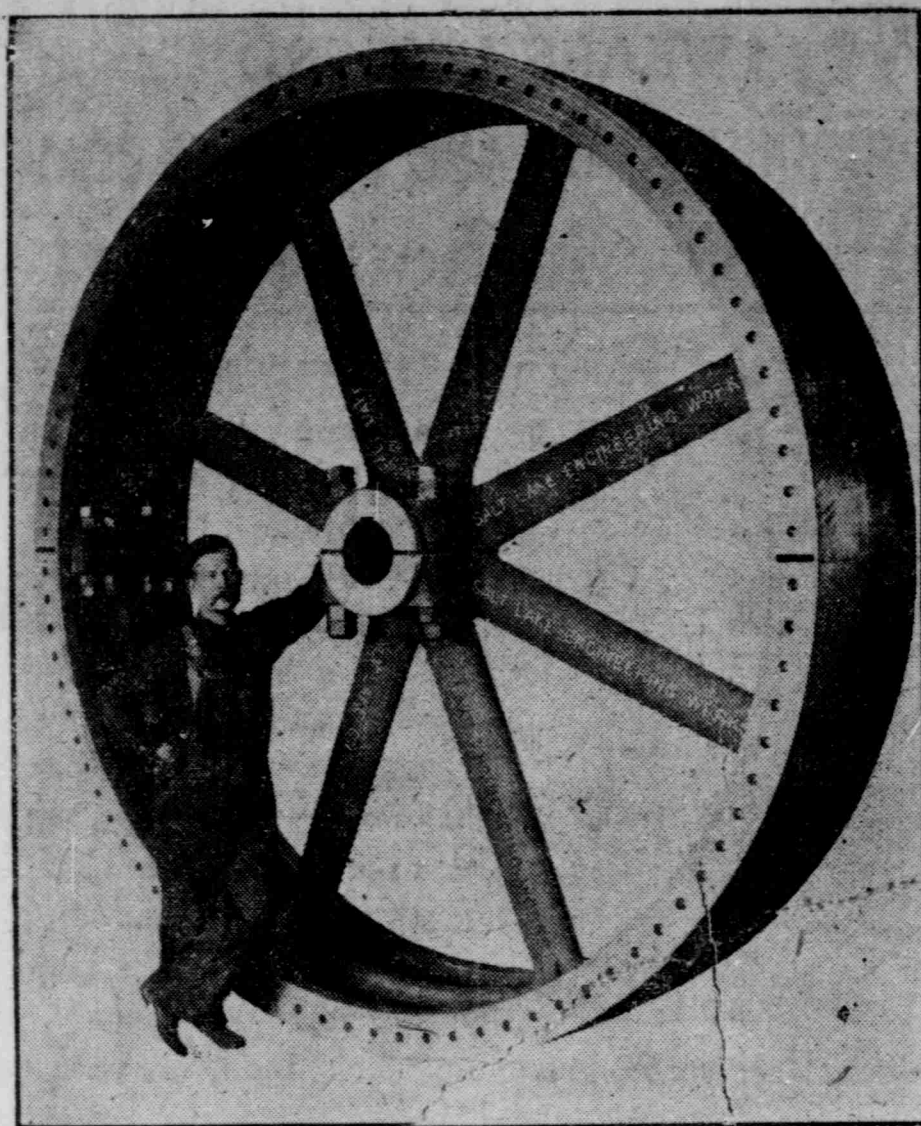
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Drive wheels, 8 1/2 inches.
Four Cutting Blades, crucible steel, spiral formed and continuous shear cut.
Ball Bearing parts first quality.
Guaranteed good quality throughout.
Sizes, 12, 14 and 16 inches.
Prices, \$7.00 to \$9.00.



King Hardware & Stove Co.
SALT LAKE CITY, UTAH.

MANUFACTURED IN UTAH



Great Flywheel Cast for the Honerline Mining Company by the Utah Engineering Works.

Accompanying is a half-tone reproduction of the picture taken of the great flywheel cast during the week for the Honerline Mining company by the Salt Lake Engineering works. The wheel was made to replace the twelve-foot fly-wheel that went to pieces on the big Corlies engine at the company's milling plant. The broken parts were received here two weeks ago yesterday. Since then the new wheel has been cast, turned and finished.

NEW MINES IN BEAVER COUNTY

Region Midway Between Modena and Newhouse Is a Comer, Sure.

One of the most enthusiastic men who ever came out of Beaver county is L. G. Groves, for the past eight months foreman at the mines of the Utah Amalgamated Copper company, a Boston corporation that is operating in the recently reorganized Washington district thirty miles north of Modena and midway between that point and Newhouse. Mr. Groves states that some exceedingly rich bodies of ore have been opened up in shaft workings on the property, but owing to the fact that the work was encountered, the shaft work has been abandoned and the company is now driving a tunnel to tap the workings and drain the mine. Some of the ore in this property, Mr. Groves states, will run as high as 1.00 ounce silver and 70 per cent lead, while concentrates from some of the lower grades show as much as 9 per cent copper in addition to the lead-silver values. He declares the district is richer in minerals than any other in the state and that great excitement is going to result from the discoveries being made.

Mr. Groves owns four claims adjoining the possessions of the Utah Amalgamated and he has severed his connection with the company to organize and operate his own ground. He has been joined by substantial and well-known operators of this city, and on Monday or Tuesday he expects to have the Florence Copper company fully organized and ready for business. He says that his associates are holding out for a low capitalization and that the new company will not have over 500,000 shares, and probably only half that number.

Cars, trackage, tools and equipment of all kinds is now being purchased and during the coming week everything will be shipped to camp, and the driving of an operating tunnel will begin at a point about 2,000 feet distant from the workings of the Utah Amalgamated. One hundred feet of work will carry the face into the ledge and the ore already exposed in surface workings and which, it is claimed, will equal in quality anything found in the neighboring bonanza. In ninety days after beginning operations he promises to astonish the natives.

MINING STOCK EXCHANGE.
Better Tone Pervades Market in Closing Hours of the Week.

The local mining stocks market has been in a rather wobbly and uncertain condition for the greater part of the week and while prices are not any too stable and strong yet, a better tone is apparent. The trading yesterday had more of a genuine ring to it than on any previous day of the week. South Columbus Consolidated sold down, but there was no trouble in finding takers. Other stocks behaved in a manner to indicate that the public was taking hold and in several instances advances were scored.

During the week a total of 195,915 shares

of stock, with a selling value of \$181,349.29, changed hands yesterday's proportion of the totals being 22,515 shares and \$20,829.50. Following is the list of final quotations and record of sales made during yesterday's single regular and open board calls:

	Bid.	Asked.
Alcoa	5.00	6.00
Ajax	25	27
Bullion-Bock	2.40	2.90
Carlin	24	32
Creole	35	35
Daly	1.50	2.10
Daly-Judge	7.25	8.00
Eagle & Blue Bell	2.50	2.50
Grand Central	4.70	4.70
Little Bell	4.50	4.50
Lower Mammoth	2.20	2.20
Lou Dillon	15	15
Mammoth	1.47 1/2	1.57 1/2
May Day	1.35	1.35
Nevada Hills	4.37 1/2	4.45
Nevada Fairview	13 1/2	15
Ontario	22.50	27.00
Silver King	27.00	27.00
Sacramento	10	10
Silver Shield	12	14
Star Consolidated	34	35
Swansea	35	35
South Swansea	36	36
U. S. Co.	50.00	50.00
Utah	1.35	1.35
Uncle Sam	61	62
Butler-Liberal	10	15
Beck Tunnel	1.75	1.75
Black Jack	46	50
Cyclone	62	62
Century	55	69
Colorado Mining	3.25	3.25 1/2
Drom. Hump	98	98
Emerald	20	20
Ingot	100 1/2	100 1/2
Joe Bowers	013 1/2	025 1/2
Lead King	15	18 1/2
Little Chief	19	19 1/2
Mountain Lake	71	71
New York	17 1/2	18
Nevada H. Florence	30	30
Richmond-Anaconda	2	2
South Columbus Con.	1.75	1.80
Seven Troughs	36	42
Victor Consolidated	12	12
Wabash	10	10
Yankee	46	50

Yesterday's Sales.

Little Bell, 100 at \$4.25.
Lower Mammoth, 100 at \$2.30; 100 at \$2.32 1/2, buyer sixty days; 300 at \$2.35, buyer sixty days.
Star Consolidated, 500 at 35c.
Uncle Sam, 200 at \$1.75.
Beck Tunnel, 100 at \$1.75.
Little Chief, 500 at 15c; 500 at 18 1/2c; 500 at 18c.
Ingot, 1,000 at 8c.
Mountain Lake, 100 at 70c; 100 at 71c.
New York, 1,000 at 18c; 1,000 at 17 1/2c.
South Columbus Con., 200 at \$1.85; 100 at \$1.82 1/2; 2,800 at \$1.80.
Victor Consolidated, 100 at 16c.

Open Board.

Beck Tunnel, 1,800 at \$1.75.
Daly-Judge, 115 at \$3.
Ingot, 1,500 at 8c.
Little Chief, 500 at 15c.
Mountain Lake, 100 at 72c; 500 at 70c.
Lower Mammoth, 200 at \$2.32 1/2, buyer thirty days; 300 at \$2.37 1/2.
May Day, 500 at 23c.
Nevada Hills, 600 at \$4.37 1/2.
South Columbus Con., 500 at \$1.80.
Uncle Sam, 700 at 65c.

DOINGS OF UNLISTED STOCKS ON EXCHANGE

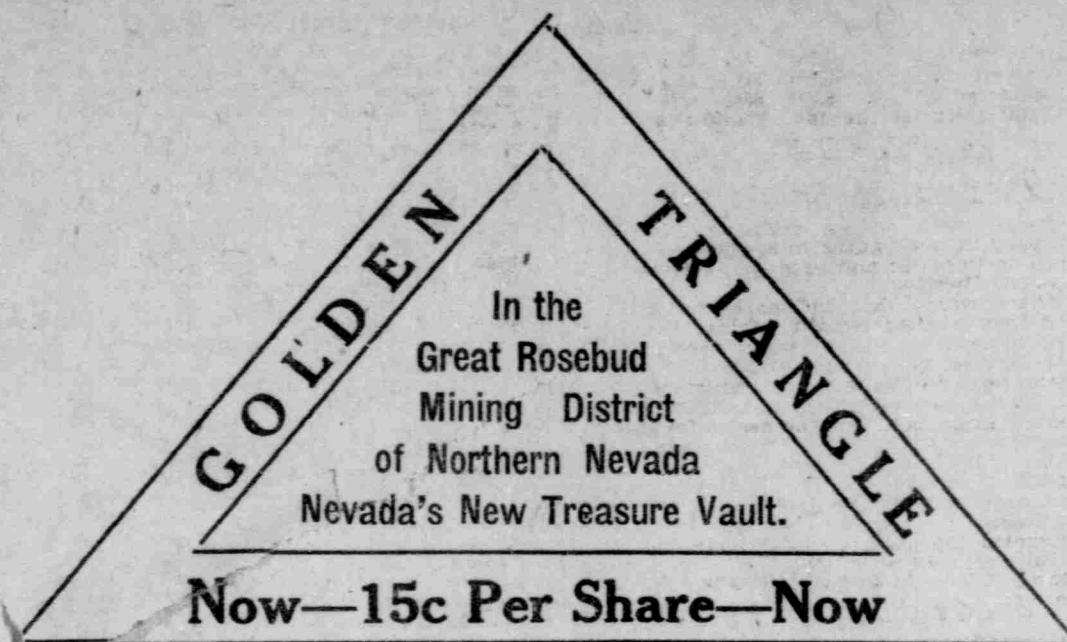
It required 15 1/2 shares to loosen up Copper Glance yesterday and very little of it came out at that. Emma Copper, which closed at 21c on Friday, sold 500 shares at 25c and that was all that could be landed. Nalldriver brought 40c, and Ohio Copper \$4.50.
Ely which was quoted at \$1.65 1/2, 15, Honerline at 50c asked, Standard at 45c bid, Yerington Copper at 35c bid, Western Nevada at 50c bid, and Consolidated Flagstaff at \$1 asked. The bid prices of stocks was in nearly instance away below what the shares might be purchased at, thus showing that real orders were lacking for them.

Ore and Bullion.
Ore and bullion continued in this city yesterday, as reported by McCarrick & Co., amounted to \$71,000, as follows: Silver, lead, gold and copper ores, \$31,000; base bullion, \$29,000. Settlements for the week aggregated \$350,000.

Mining Notes.
Colonel E. A. Wall will leave for a three weeks' eastern trip tomorrow. The annual meeting of the Daly-Judge Mining company will be held in Jersey City, N. J., next Tuesday afternoon. The management of the Nevada Hills company makes no secret of the fact that

GOOD NEWS FOR HOLDERS OF GOLDEN TRIANGLE STOCK

A Sensational Strike Has Been Made on the Property Adjoining The



Assays Give
\$1080.00
Per Ton

From Which
100 Tons Can
Be Shipped
From the
Surface

Now—15c Per Share—Now

This new strike has been acquired by the McDonald-Parkhurst crowd, who own the Brown Palace, and who are the most successful operators in Nevada.

The Ledges on This Property Run Towards The Golden Triangle

The Big Six group, which has just been bonded by L. A. Parkhurst and his associates, adjoins the four claims owned by the Golden Triangle Company. The latter Company owns its property outright and the money raised from the Treasury stock herewith offered will be used entirely for development.

Golden Triangle Has Four Veins on Its Property
Surface Assays Range From \$5 to \$108 per Ton

OFFICERS AND DIRECTORS OF GOLDEN TRIANGLE MINING COMPANY.

Geo. W. Morgan, President.
Thos. Marioneaux, Vice President.
Geo. N. Lawrence, Treasurer.
Edw. Copley, Secretary.

W. F. Calloway, Director.
R. M. Crocker, Director.
H. T. Abstein, Director.

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San Francisco Stock
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The usual 10c dividend will be forthcoming right after the first of the coming month.

The Pioneer sampler yesterday reported the release of six cars of ore from Utah, two from Nevada and one from Idaho.

Sixteen carloads of ore from Utah and two from Nevada were released from the Taylor & Brunton sampler yesterday morning.

W. H. Goss of the White Alps company came in from Rosebud yesterday noon. The directors of the company met last night to hear what he had to report concerning conditions at the property.

C. H. Gitch, the well-known Park City mining man, who recently underwent an operation for an aggravated case of appendicitis, has sufficiently recovered to be around again. He came down from the Park with the excursionists yesterday morning. He will leave for Idaho in a day or two on mining business.

Additional Mining News on Page 13.

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WHERE PROFITS ARE MADE

For valuable suggestions regarding mining investments see
WEEKLY MARKET LETTER.

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